

Appendix G

Threatened and Endangered Species

**Federally Listed Species that May Be Encountered within the Impact Area of
Locks and Dams 11-19 and Upper Sites on the Illinois River**

Lock and Dam 11

Bald eagle (*Haliaeetus leucocephalus*) (wintering, breeding)
Higgins' eye pearly mussel (*Lampsilis higginsii*)
Iowa Pleistocene snail (*Discus macclintocki*)
Northern monkshood (*Aconitum novaboracense*)

Lock and Dam 12

Bald eagle (wintering, breeding)
Higgins' eye pearly mussel (potential impacts to secondary habitat)
Iowa Pleistocene snail

Lock and Dam 13

Bald eagle (wintering, breeding)
Higgins' eye pearly mussel
Iowa Pleistocene snail
Northern monkshood
Eastern prairie fringed orchid (*Platanthera leucophaea*)

Lock and Dam 14

Indiana bat (*Myotis sodalis*)
Peregrine falcon (*Falco peregrinus*)
Higgins' eye pearly mussel (potential impacts to secondary habitat)
Bald eagle (wintering)

Lock and Dam 15

Indiana bat
Peregrine falcon
Higgins' eye pearly mussel
Bald eagle (wintering)

Lock and Dam 16

Indiana bat
Peregrine falcon
Higgins' eye pearly mussel
Bald eagle (wintering, breeding)

Lock and Dam 17

Indiana bat
Higgins' eye pearly mussel
Bald eagle (wintering)

Lock and Dam 18

Indiana bat

Higgins' eye pearly mussel

Bald eagle (wintering)

Lock and Dam 19

Indiana bat

Higgins' eye pearly mussel

Bald eagle (wintering, breeding)

Fat pocketbook pearly mussel (*Potamilus capax*)

Lockport, Brandon Road Lock and Dam

Bald eagle (wintering)

Leafy prairie clover (*Dalea foliosa*)

Lakeside daisy (*Hymenoxis herbacea*)

Hines emerald dragonfly (*Somatochlora hineana*)

Dresden Island, Marsailles, Starved Rock Locks and Dams

Bald eagle (wintering)

Eastern prairie fringed orchid

Species that may occur in the vicinity of Locks and Dams 20-25, Peoria, and La Grange are discussed within the body of the report.

State Listed Species that May Be Encountered within the Impact Area of Locks and Dams 11-25 and Upper Sites on the Illinois River

Lists of endangered, threatened and special concern species were compiled from the Missouri, Illinois, Iowa, Minnesota and Wisconsin Offices of Natural Heritage using their databases. An initial screening of those species was based upon presence or absence of the species' habitat in the floodplain and therefore within the study area. The following list includes species that have been recorded within the immediate vicinity (2 miles) of Locks and Dams 11-25 on the Upper Mississippi River and from Brandon Road to La Grange Locks and Dams on the Illinois River.

Without further inventories it is impossible to know of the presence of State-listed species within a potential zone of impact. However, there may be the potential to affect State-listed species by construction. As site-specific plans are developed, review by State natural resource agencies should identify the potential for adverse impacts to State-listed species. If potential impacts are identified, appropriate measures to avoid and minimize these impacts will be included in the planning process. This listing is included for consideration in further planning at each lock and dam site and should be verified at that time. Discussion of potential impacts will be included in separate documents.

Lock and Dam 11

	Iowa	Wisconsin
Paddlefish (<i>Polydon spathula</i>)	NONE	THR
Goldeye (<i>Hiodon alosoides</i>)	NONE	END
Blue Sucker (<i>Cycleptus elongatus</i>)	NONE	THR
Black Buffalo (<i>Ictiobus niger</i>)	NONE	THR
Giant Carrion Beetle (<i>Nicrophorus americanus</i>)	NONE	END
Ebonyshell (<i>Fusconaia ebena</i>)	NONE	END
Wartyback (<i>Quadrula nodulata</i>)	NONE	THR
American Fever-few (<i>Parthenium integrifolium</i>)	NONE	THR
Roundfruit (St. John's Wort) (<i>Hypericum sphaerocarpum</i>)	NONE	THR
Bobcat (<i>Lynx rufus</i>)	END	NONE

Lock and Dam 12

	Iowa	Illinois
Lake Sturgeon (<i>Acipenser fluvescens</i>)	THR	END
Hairy Umbrella Wort (<i>Mirabilis hirsuta</i>)	NONE	END
Red Shouldered Hawk (<i>Buteo lineatus</i>)	END	END
Great Egret (<i>Casmerodius albus</i>)	NONE	THR
River Otter (<i>Lutra Canadensis</i>)	THR	END
Rough Buttonweed (<i>Dioda teres</i>)	END	NONE
Cooper's Hawk (<i>Accipiter cooperii</i>)	END	END

Lock and Dam 13	Iowa	Illinois
Sandhill Crane (<i>Grus canadensis</i>)	NONE	END
River Otter (<i>Lutra canadensis</i>)	THR	END
Western Hognose Snake (<i>Hertodon nasicus</i>)	END	THR
Lake Sturgeon (<i>Acipenser fluvescens</i>)	THR	END
Kitten Tails (<i>Besseya bullii</i>)	THR	THR
Lock and Dam 14	Iowa	Illinois
Lake Sturgeon (<i>Acipenser fluvescens</i>)	THR	END
Lock and Dam 15	Iowa	Illinois
None	NONE	NONR
Lock and Dam 16	Iowa	Illinois
Spectaclecase (<i>Cumberlandia monodonta</i>)	END	END
Lake Sturgeon (<i>Acipenser fluvescens</i>)	THR	END
Blacknose Shiner (<i>Notropis heterolepis</i>)	THR	END
Lock and Dam 17	Iowa	Illinois
Great Egret (<i>Casmerodius albus</i>)	NONE	THR
Ebonyshell (<i>Fusconaia ebena</i>)	NONE	THR
Yellow Crowned Night Heron (<i>Nyctanassa violacea</i>)	NONE	THR
Red-Shouldered Hawk (<i>Buteo lineatus</i>)	END	END
Lock and Dam 18	Iowa	Illinois
Great Egret (<i>Casmerodius albus</i>)	NONE	THR
Lock and Dam 19	Iowa	Illinois
River Otter (<i>Lutra canadensis</i>)	THR	END
Sheepnose Mussel (<i>Plethobasus cyphus</i>)	NONE	END
Great Egret (<i>Casmerodius albus</i>)	NONE	THR
Common Barn Owl (<i>Tyto alba</i>)	END	END
Lock and Dam 20	Missouri	Illinois
River Otter (<i>Lutra canadensis</i>)	NONE	END
Plains Violet (<i>Viola varium</i>)	NONE	END
Pallid Shiner (<i>Notropis amnis</i>)	EXT	END
Lock and Dam 21	Missouri	Illinois
Mooneye (<i>Hiodon tergisus</i>)	RARE	NONE
Elusive Clubtail (<i>Stylurus notatus</i>)	SU	NONE

Lock and Dam 22	Missouri	Illinois
Fat Pocketbook (<i>Potamilus capax</i>)	END	END
Rock-Pocketbook (<i>Arcidens confragosus</i>)	RARE	NONE
Elusive Clubtail (<i>Stylurus notatus</i>)	SU	NONE
Wild Sarsparilla (<i>Aralia nudicaulis</i>)	RARE	NONE

Lock and Dam 24	Missouri	Illinois
River Otter (<i>Lutra canadensis</i>)	NONE	END
Great Egret (<i>Casmerodius albus</i>)	RARE	THR
Lake Sturgeon (<i>Acipenser fluvescens</i>)	END	END
Long-Tailed Weasel (<i>Mustela frenata</i>)	RARE	NONE

Lock and Dam 25	Missouri	Illinois
Spectaclecase (<i>Cumberlandia monodonta</i>)	NONE	END
Salt Meadow Grass (<i>Leptochloa panicoides</i>)	NONE	END

Peoria Lock and Dam		Illinois
Double-Crested Cormorant (<i>Phalacrocorax auritus</i>)		THR

La Grange Lock and Dam		Illinois
Great Egret (<i>Casmerodius albus</i>)		THR

Marseilles Lock and Dam		Illinois
None		

Starved Rock Lock and Dam		Illinois
Double-Crested Cormorant (<i>Phalacrocorax auritus</i>)		THR
Arbor Vitae (<i>Thuja occidentalis</i>)		THR
Red-Shouldered Hawk (<i>Buteo lineatus</i>)		END
Brown Creeper (<i>Certhia americana</i>)		THR
Forked Aster (<i>Aster furcatus</i>)		THR
Golden Corydalis (<i>Corydalis aurea</i>)		END
Hemlock Panic Grass (<i>Dicanthelium columbianum</i>)		END
Fibrous Root Sedge (<i>Carex communis</i>)		END
Veery (<i>Catharus fuscescens</i>)		THR

END – Endangered.

THR – Threatened.

SC – Special Concern.

RARE – Missouri's equivalence of Threatened.

SU – Status Undetermined (may be Rare or Endangered but not enough information is available to determine status).

EXT – Extirpated (species still occurs somewhere in its natural range but no longer within that state).

NONE – Not listed for that state.